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TITLE : DUST COLLECTING BAG FOR VACUUM CLEANER

ABSTRACT : PURPOSE: To improve water resistance and strength of a dust collecting bag and to provide also deodorizing and antibacterial characteristics thereto by constituting the bag of airpermeable paper treated with humic acid without reducing the dust-collecting performance of the bag.

CONSTITUTION: In a dust collecting bag for vacuum cleaner constituted of outside paper layer comprising a filter paper having 50g/m² basis weight and inside comprising tissue paper having 15g/m² basis weight and high air permeability, 7-10% NH₄ alkaline aq. humic acid soln. is coated on the whole surface of said tissue paper with a gravure printing press so as to obtain 3g/mv² coated humic acid amt., and the tissue paper is dried with hot air. If the bag is constituted singly of one layer of filter paper, the coating of humic acid on the inside surface of the filter paper may be enough. If powdery iron oxide or active carbon is mixed with the soln. of humic acid, and the mixture is used for coating, improved deodorizing effect may be attained.

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